
Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Supplement to Volume 130 Numbers 1-12 AIMEAS 130(1-12)1-1036(1999) US ISSN 0003-4819

INDEX

VOLUME 130

5 JANUARY THROUGH 15 JUNE 1999

Copyrighted© 1999 by the American College of Physicians-American Society of Internal Medicine, 190 N. Independence Mall West, Philadelphia, PA 19106-1572, USA. For additional copies, contact **Customer Service** (800-523-1546 ext. 2600).
Permission to reproduce articles in whole or in part must be obtained from the Permissions Coordinator, *Annals of Internal Medicine* (800-523-1546 ext. 2630).

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Editorial Staff

Editor

Frank Davidoff, MD

Editors Emeriti

J. Russell Elkinton, MD

Edward J. Huth, MD

Senior Deputy Editor

David R. Goldmann, MD

Deputy Editors

Paul Epstein, MD

Christine Laine, MD, MPH

Associate Editors

Elias Abrutyn, MD

John L. Abruzzo, MD

E. Victor Adlin, MD

Michelle Berlin, MD, MPH

Martin Black, MD

Leonard E. Braitman, PhD

Harold Feldman, MD, MS

Steven N. Goodman, MD, PhD, MHS

Daniel G. Haller, MD

William G. Kussmaul III, MD

Michael A. LaCombe, MD

A. Russell Localio, JD

Executive Editor

Kathleen Case

Assistant Editor

Margaret Ring Gillock

Currents Editor

Margaret Ring Gillock

Manuscript Processing Supervisor

Mary Beth Schaeffer

Business Staff

Director

Michael Koehler

Advertising Office

Brian S. Barker, *Business Manager*

Ara H. Eloian, *Production Manager*

Penny Quartapella, *Advertising Supervisor*

Darlene Kwiatkowski, *National Account Manager*

Ron Taylor, *National Account Manager*

Editorial Board

Jennifer Daley, MD, *Boston*

Julio Frenk, MD, MPH, PhD, *Geneva*

F. John Gennari, MD, *Burlington*

Julie Gerberding, MD, MPH, *San Francisco*

Susan Dorr Goold, MD, MHSA, MA, *Ann Arbor*

Robert Hillman, MD, BS, *Portland, Maine*

Gene Hunder, MD, MS, *Rochester, Minnesota*

Lisa Iezzoni, MD, MSc, *Boston*

Robert A. Levine, MD, *Syracuse*

Mark Molitch, MD, *Chicago*

Jock Murray, MD, *Halifax*

Nathaniel Reichel, MD, *Pittsburgh*

Charles Safran, MD, *Boston*

Margaret Shipp, MD, *Boston*

J. Bruce Smith, MD, *Philadelphia*

Mary E. Tinetti, MD, *New Haven, Connecticut*

Barbara J. Turner, MD, MEd, MA, *Philadelphia*

Mark J. Utell, MD, *Rochester, New York*

Publication Committee, ACP-ASI

Chaim M. Bell, MD

Mark E. Frisse, MD

Stanley Goldfarb, MD

Clicerio Gonzalez-Villalpando, MD

Bernard M. Rosof, MD

Edward H. Shortliffe, MD, *Chair*

Mark E. Silverman, MD, *Vice Chair*

Margaret A. Tempero, MD

Peter Tugwell, MD

Rowen K. Zetterman, MD

Publishing Staff

Director of Journal Publishing

Pamela W. Fried

Production Manager

Mary E. Boylan

Senior Production Editor

Suzanne Brownholtz-Meyers

Production Editors

Shannon Donovan

Jennifer Kearney

Editorial Assistant

Faith Hinchman

Information Specialist

Elizabeth Wolverton

Circulation Manager

Betty Layberger

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Letters 75

Appropriateness of Spinal Manipulation

The Medical Consultant's Role in Caring for Patients with Hip Fracture

Low-Molecular-Weight Heparin for Treating Venous Thromboembolism

Static Electricity Stops a Recalcitrant Arrhythmia

Ocular Venous Occlusion and Hyperhomocysteinemia

Giant-Cell Arteritis Presenting as Mondor Disease

AIDS Exceptionalism

Book Notes 87

ARTICLES

Probable Transmission of HIV from an Orthopedic Surgeon to a Patient in France 1 Lot, Séguier, Féguéux, Astagneau, and others

Chelation Therapy for Patients with Elevated Body Lead Burden and Progressive Renal Insufficiency 7 Lin, Ho, and Yu

Frequency of Major Complications of Aspirin, Warfarin, and Intravenous Heparin for Secondary Stroke Prevention. A Population-Based Study 14 Petty, Brown, Whisnant, Sicks, O'Fallon, and Wiebers

Physiologic Left Ventricular Cavity Dilatation in Elite Athletes 23 Pelliccia, Culasso, Di Paolo, and Maron

BRIEF COMMUNICATIONS

Comparison of Culture-Confirmed Erythema Migrans Caused by *Borrelia burgdorferi* sensu stricto in New York State and by *Borrelia afzelii* in Slovenia 32 Strle, Nadelman, Cimperman, Nowakowski, and others

Misdiagnosis of HIV Infection by HIV-1 Plasma Viral Load Testing: A Case Series 37 Rich, Merriman, Mylonakis, and others

Effect of Inhaled Nitric Oxide on Gas Exchange in Patients with Congestive Heart Failure 40 Matsumoto, Momomura, and others

ACADEMIA AND CLINIC

Occupational Exposures to Body Fluids among Medical Students. A Seven-Year Longitudinal Study 45 Osborn, Papadakis, and Gerberding

UPDATE

Update in Hepatology 52 Schiff

HISTORY OF MEDICINE

The Wenckebach Phenomenon 58 Upshaw and Silverman

EDITORIALS

Provider-to-Patient HIV Transmission 64 Gerberding

Protecting the Future of Medicine—from Themselves 66 Federman

Adenocarcinoma of the Esophagus and Gastric Cardia 67 Sampliner

ON BEING A DOCTOR

Curiosity 70 Fitzgerald

ON BEING A PATIENT

Lester's Getting a Bottle 73 Luther

MEDICAL WRITINGS

End-of-Life Care in Medical Textbooks 82 Carron and others

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Letters 161

- Screening for Thyroid Disease
- Impaired Glucose Tolerance in HIV-Positive Patients Receiving and Those Not Receiving Protease Inhibitors
- Thrombotic Thrombocytopenic Purpura after Ecstasy-Induced Acute Liver Failure
- Severe Hepatotoxicity Associated with Troglitazone
- Current Health Care Environment

Book Notes 167

Currents 169

- Solid Organ Transplantation. 2: Ethical Considerations
- Ideas and Trends: Medical Informatics and Health Care Computing

ARTICLES

- The Association between Cardiorespiratory Fitness and Impaired Fasting Glucose and Type 2 Diabetes Mellitus in Men** 89 Wei, Gibbons, Mitchell, Kampert, Lee, and Blair
- The Costs, Clinical Benefits, and Cost-Effectiveness of Screening for Cervical Cancer in HIV-Infected Women** 97 Goldie, Weinstein, Kuntz, and Freedberg
- Medical Therapy after Successful Percutaneous Coronary Revascularization** 108 Hasdai, Lerman, Grill, Rihal, and Holmes
- Patient Age and Decisions To Withhold Life-Sustaining Treatments from Seriously Ill, Hospitalized Adults** 116 Hamel, Teno, Goldman, Lynn, Davis, and others

BRIEF COMMUNICATIONS

- Compliance with Handwashing in a Teaching Hospital** 126 Pittet and others
- Epidemiologic and Molecular Investigation of Outbreaks of Hepatitis C Virus Infection on a Pediatric Oncology Service** 130 Widell, Christensson, Wiebe, Schalén, Hansson, and others

UPDATE

- Update in Rheumatology** 135 Campbell and Wernick

MEDICINE AND PUBLIC ISSUES

- A Shared Statement of Ethical Principles for Those Who Shape and Give Health Care** 143 Smith, Hiatt, and Berwick

PERSPECTIVE

- The Trouble with Families** 148 Levine and Zuckerman

EDITORIALS

- It Is Time for Action: Improving Hand Hygiene in Hospitals** 153 Boyce

- A Novel Antimicrobial Agent Joins the Battle against Resistant Bacteria** 155 Moellering

ON BEING A DOCTOR

- A Simple Procedure: A Play in One Act** 158 Burns

Owned, published, and © copyrighted 1999 by the American College of Physicians-American Society of Internal Medicine. For complete contents, see pages I-3 and I-4. For subscription information, see page I-7. Canadian GST ID# 128512159 · AIMEAS 130(2)89-172(1999) · US ISSN 0003-4819

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Ad Libitum 220

Letters 238

Spinal Manipulation: When Is It Appropriate?

Surgery for Recurrent Colon Cancer

Fluoride for the Treatment of Osteoporosis

The Ethics of Clinical Research

"Buffalo Humps" Associated with Protease Inhibitors

Sertraline-Related Night Sweats

Death in Springtime

Fighting the War on Breast Cancer

Telemedicine

Computers and Evaluation of Clinical Competence

The Ethics of Using Web Technology To Find Research Participants

Mark Twain's Cat

Book Notes 251

ARTICLES

Use of Cardiovascular Procedures among Black Persons and White Persons: A 7-Year Nationwide Study in Patients with Renal Disease 173 Daumit, Hermann, Coresh, and Powe

Underuse of Cardiac Procedures: Do Women, Ethnic Minorities, and the Uninsured Fail To Receive Needed Revascularization? 183 Leape, Hilborne, Bell, Kamberg, and Brook

Effectiveness of Immunosuppressive Therapy in Older Patients with Aplastic Anemia 193 Tichelli, Socié, Henry-Amar, and others

An Outbreak of *Escherichia coli* O157:H7 Infection from Unpasteurized Commercial Apple Juice 202 Cody, Glynn, Farrar, Cairns, and others

The Return of *Cyclospora* in 1997: Another Outbreak of Cyclosporiasis in North America Associated with Imported Raspberries 210 Herwaldt, Beach, and others

BRIEF COMMUNICATIONS

Nasal Carriage of and Infection with *Staphylococcus aureus* in HIV-Infected Patients 221 Nguyen, Kauffman, Goodman, and others

Mixed Cryoglobulinemia in HIV-1 Infection: The Role of HIV-1 226 Dimitrakopoulos, Kordossis, and others

EDITORIALS

Ethnic Differences in Use of Cardiovascular Procedures: New Insights and New Challenges 231 Kravitz

Lessons Learned Again: Cyclosporiasis and Raspberries 233 Osterholm

ON BEING A DOCTOR

What Happened in Laramie 235 Klein

MEDICAL WRITINGS

Portable Knowledge: A Look Inside White Coat Pockets 247 Lynn and Bellini

Owned, published, and © copyrighted 1999 by the American College of Physicians-American Society of Internal Medicine. For complete contents, see pages I-3 and I-4. For subscription information, see page I-7. Canadian GST ID# 128512159 • AIMEAS 130(3)173-252(1999) • US ISSN 0003-4819

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Letters 328

- Delayed Hospital Arrival for Acute Stroke
- Breath Tests for Alcohol in Gastroesophageal Reflux Disease
- Hypocalcemia Associated with Alendronate
- Leg Ischemia in a Patient Receiving Ritonavir and Ergotamine
- Troglitazone-Associated Hepatic Failure

Book Notes 331

ARTICLES

- | | | |
|--|-----|---|
| Gastrointestinal Symptoms in 3181 Volunteers Ingesting Snack Foods Containing Olestra or Triglycerides | 253 | Sandler, Zorich, Filloon, Wiseman, Lietz, Brock, Royer, and Miday |
| Effects of Estrogen and Estrogen-Progestin on Mammographic Parenchymal Density | 262 | Greendale, Reboussin, Sie, Singh, and others |
| Elevated Serum Estradiol and Testosterone Concentrations Are Associated with a High Risk for Breast Cancer | 270 | Cauley, Lucas, Kuller, Stone, Browner, Cummings, and others |
| Birthweight and the Risk for Type 2 Diabetes Mellitus in Adult Women | 278 | Rich-Edwards, Colditz, Stampfer, and others |

BRIEF COMMUNICATIONS

- | | | |
|---|-----|-------------------------------------|
| Nefazodone-Induced Liver Failure: Report of Three Cases | 285 | Aranda-Michel, Koehler, and others |
| Association between the Epworth Sleepiness Scale and the Multiple Sleep Latency Test in a Clinical Population | 289 | Benbadis, Mascha, Perry, and others |

UPDATE

- | | | |
|--|-----|----------|
| Coccidioidomycosis: A Regional Disease of National Importance. Rethinking Approaches for Control | 293 | Galgiani |
|--|-----|----------|

REVIEW

- | | | |
|----------------|-----|-----------------------|
| Biliary Sludge | 301 | Ko, Sekijima, and Lee |
|----------------|-----|-----------------------|

MEDICINE AND PUBLIC ISSUES

- | | | |
|--|-----|--|
| When Doctors Marry Doctors: A Survey Exploring the Professional and Family Lives of Young Physicians | 312 | Sobecks, Justice, Hinze, Chirayath, and others |
|--|-----|--|

EDITORIALS

- | | | |
|--|-----|----------|
| Fat, Foreboding, and Flatulence | 320 | Spiro |
| The Fetal Origins of Type 2 Diabetes Mellitus | 322 | Barker |
| The National Diabetes Education Program: Changing the Way Diabetes Is Treated | 324 | Clark |
| The Hospitalist Movement in the United States: What Does It Mean for Internists? | 326 | Goldmann |

CURRENTS

- | | | |
|--|-----|-----------|
| Illiteracy: The Silent Barrier to Health Care | 333 | Kefalides |
| Putting Prevention into Practice: The Community's Role | 336 | Reynolds |

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Ad Libitum 449

Letters 450

Hospitalists: Cost and Quality of Care

Prevalence of Hepatitis C Virus Infection in Patients Hospitalized for Hepatitis A

Transfusion-Transmitted Virus and Mixed Cryoglobulinemia

Effects of Hypertriglyceridemia on Platelet Counts in Automated Hematologic Analysis

Access to Health Care, Socioeconomic Status, and Health

Book Notes 459

ARTICLES

- | | | |
|---|-----|---|
| Comparison of Bedtime Insulin Regimens in Patients with Type 2 Diabetes Mellitus. A Randomized, Controlled Trial | 389 | Yki-Järvinen, Ryysy, Nikkilä, Tulokas, Vanamo, and Heikkilä |
| Relation between Influenza Vaccination and Outpatient Visits, Hospitalization, and Mortality in Elderly Persons with Chronic Lung Disease | 397 | Nichol, Baken, and Nelson |
| Delays in the Suspicion and Treatment of Tuberculosis among Hospitalized Patients | 404 | Rao, Iademarco, Fraser, and Kollef |
| Prostanoids for Chronic Critical Leg Ischemia. A Randomized, Controlled, Open-Label Trial with Prostaglandin E ₁ | 412 | The ICAI Study Group |

BRIEF COMMUNICATIONS

- | | | |
|--|-----|---------------------------------------|
| Mycophenolate Mofetil for the Treatment of Takayasu Arteritis: Report of Three Cases | 422 | Daina, Schieppati, and Remuzzi |
| Theophylline Therapy for Near-Fatal Cheyne-Stokes Respiration. A Case Report | 427 | Pesek, Cooley, Narkiewicz, and others |

CLINICAL REVIEW

- | | | |
|---|-----|--------------------------|
| Clinical Effects of Raloxifene Hydrochloride in Women | 431 | Khovidhunkit and Shoback |
|---|-----|--------------------------|

EDITORIALS

- | | | |
|--|-----|----------------------|
| Treating Type 2 Diabetes with Respect | 440 | Nathan |
| Critical Limb Ischemia: Nothing To Give at the Office? | 442 | Schainfeld and Isner |
| Seeking Forgiveness | 444 | LaCombe |

ON BEING A DOCTOR

- | | | |
|------------------|-----|----------|
| Trying To Let Go | 446 | Costigan |
|------------------|-----|----------|

ON BEING A PATIENT

- | | | |
|----------------|-----|-------|
| Star Treatment | 447 | Bauer |
|----------------|-----|-------|

MEDICAL WRITINGS

- | | | |
|--|-----|------------|
| Using Practice Guideline Compendiums To Provide Better Preventive Care | 454 | Weingarten |
|--|-----|------------|

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Letters 536

- Primaquine Prophylaxis against Malaria
- Myocardial Infarction Associated with Buprenorphine
- Lipoprotein(a) in Acromegaly
- Low Rate of Venous Thromboembolism in Asymptomatic Relatives of Proband with Factor V Leiden Mutation
- Oregon's Death with Dignity Act: Ten Months Later

Book and Software Notes 539

ARTICLES

- A More Accurate Method To Estimate Glomerular Filtration Rate from Serum Creatinine: A New Prediction Equation** 461 Levey, Bosch, Breyer Lewis, Greene, Rogers, and Roth
- Long-Term Weight Patterns and Risk for Cholecystectomy in Women** 471 Syngal, Coakley, Willett, Byers, and others
- Etanercept Therapy in Rheumatoid Arthritis. A Randomized, Controlled Trial** 478 Moreland, Schiff, and others
- Oral Montelukast, Inhaled Beclomethasone, and Placebo for Chronic Asthma. A Randomized, Controlled Trial** 487 Malmstrom, Rodriguez-Gomez, Guerra, Villaran, and others
- Cost-Utility of Three Approaches to the Diagnosis of Sleep Apnea: Polysomnography, Home Testing, and Empirical Therapy** 496 Chervin, Murman, Malow, and Totten

BRIEF COMMUNICATIONS

- Pulmonary Hypertension after Splenectomy?** 506 Hoepfer and others
- Phase I Studies of Hypericin, the Active Compound in St. John's Wort, as an Antiretroviral Agent in HIV-Infected Adults** 510 Gulick, McAuliffe, Holden-Wiltse, Crumacker, and others

ACADEMIA AND CLINIC

- Assessing the Generalizability of Prognostic Information** 515 Justice and others

MEDICINE AND PUBLIC ISSUES

- Barriers to Office-Based Screening Sigmoidoscopy: Does Reimbursement Cover Costs?** 525 Lewis and Asch

EDITORIALS

- Newer Asthma Therapies** 531 Smith
- Economic Implications of the Diagnosis of Obstructive Sleep Apnea** 533 Pack and Gurubhagavatula

ON BEING A PATIENT

- Brain Scan On Finding a Penny** 535 Dewar

CURRENTS

- Controlling Disease Transmission in Injection Drug Users** 541 Kane

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Ad Libitum 612

Letters 613

Features and Outcomes of Classic Heat Stroke

Flock Worker's Lung

Secrecy in Science: The Flock Worker's Lung Investigation

Increasing Stair Use

Skin Biopsies, Cutaneous Disease, and Primary Care

Book Notes 623

ARTICLES

Use of Hormone Replacement Therapy by Postmenopausal Women in the United States 545 Keating, Cleary, Rossi, Zaslavsky, and Ayanian

The Effect of Dietary ω -3 Fatty Acids on Coronary Atherosclerosis. A Randomized, Double-Blind, Placebo-Controlled Trial 554 von Schacky, Angerer, Kothny, Theisen, and Mudra

Depressive Symptoms and 3-Year Mortality in Older Hospitalized Medical Patients 563 Covinsky, Kahana, Chin, and others

Relations among CD4 Lymphocyte Count Nadir, Antiretroviral Therapy, and HIV-1 Disease Progression: Results from the EuroSIDA Study 570 Miller, Mocroft, Reiss, Katlama, Papadopoulos, Katzenstein, and others

BRIEF COMMUNICATIONS

Arterial Endothelial Dysfunction Related to Passive Smoking Is Potentially Reversible in Healthy Young Adults 578 Raitakari, Adams, McCredie, Griffiths, and Celermajer

Cardiac Asystole and Bradycardia as a Manifestation of Left Temporal Lobe Complex Partial Seizure 581 Locatelli, Varghese, Shuaib, and Potolicchio

UPDATE

Acute Heroin Overdose 584 Sporer

NIH CONFERENCE

An Inherited Disorder of Lymphocyte Apoptosis: The Autoimmune Lymphoproliferative Syndrome 591 Straus, Sneller, Lenardo, and others

EDITORIALS

Medical Uncertainty and Practice Variation Get Personal: What Should I Do about Hormone Replacement Therapy? 602 Daley

Probability at the Bedside: The Knowing of Chances or the Chances of Knowing? 604 Goodman

Increasing Organ Donation in the African-American Community: Altruism in the Face of an Untrustworthy System 607 Siminoff and Arnold

ON BEING A DOCTOR

A Good Pair of Hands 610 Chandra

MEDICAL WRITINGS

Talking about Treatment: The Language of Populations and the Language of Individuals 618 Steiner

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Ad Libitum 699

Letters 700

Colonoscopy for Small Adenomas

Duodenal Obstruction Secondary to Bay Leaf Impaction

Humoral Hypercalcemia Associated with a Uterine Fibroid

Book Notes 703

ARTICLES

Cost-Effectiveness of Cardioversion and Antiarrhythmic Therapy in Nonvalvular Atrial Fibrillation 625 Catherwood, Fitzpatrick, Greenberg, and others

Familial Occurrence of Abdominal Aortic Aneurysm 637 Salo and others

Activated Protein C Resistance and Factor V Leiden Mutation Are Independent Risk Factors for Venous Thromboembolism 643 Rodeghiero and Tosetto

Breast Symptoms among Women Enrolled in a Health Maintenance Organization 651 Barton, Elmore, and Fletcher

BRIEF COMMUNICATION

Rapid Recovery of Bone Mass in Hypercalciuric, Osteoporotic Men Treated with Hydrochlorothiazide 658 Adams, Song, and Kantorovich

ACADEMIA AND CLINIC

Disclosure of Researcher Contributions: A Study of Original Research Articles in *The Lancet* 661 Yank and Rennie

REVIEW

The Role of Leptin in Human Obesity and Disease 671 Mantzoros

PERSPECTIVES

Oregon's Low In-Hospital Death Rates: What Determines Where People Die and Satisfaction with Decisions on Place of Death? 681 Tolle, Rosenfeld, Tilden, and Park

Good Managed Care Needs Universal Health Insurance 686 Light

EDITORIALS

Finding What You Seek: Analyzing Therapies for Nonvalvular Atrial Fibrillation 690 Pauker and Eckman

The 28th Amendment 692 Davidoff and Reinecke

In a World of Black and White, *Helicobacter pylori* Is Gray 695 Blaser

ON BEING A DOCTOR

Conversations with Stella 698 Gianakos

CURRENTS

Nutrition and Policy 705 Levin

Putting Prevention into Practice: The Patient's Role 707 Reynolds

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Ad Libitum 777

Letters 779

Screening Tests for Alcohol Use Disorders

Genetics of Familial Mediterranean Fever

How Physicians Communicate about Advance Directives

Book Notes 787

ARTICLES

- | | | |
|---|-----|---|
| Cost-Effectiveness of Diagnostic Strategies for Patients with Chest Pain | 709 | Kuntz, Fleischmann, Hunink, and Douglas |
| Cost-Effectiveness of Alternative Test Strategies for the Diagnosis of Coronary Artery Disease | 719 | Garber and Solomon |
| Use of Tunneled Femoral Catheters To Prevent Catheter-Related Infection. A Randomized, Controlled Trial | 729 | Timsit, Bruneel, Cheval, Mamzer, and others |

BRIEF COMMUNICATIONS

- | | | |
|--|-----|---|
| Increased Risk for Fetal Loss in Carriers of the Factor V Leiden Mutation | 736 | Meinardi, Middeldorp, de Kam, and others |
| Compassionate Use of Continuous Prostacyclin in the Management of Secondary Pulmonary Hypertension | 740 | McLaughlin, Genthner, Panella, Hess, and Rich |

ACADEMIA AND CLINIC

- | | | |
|--|-----|-----------------------|
| Discussing Palliative Care with Patients | 744 | Lo, Quill, and Tulsky |
|--|-----|-----------------------|

REVIEW

- | | | |
|---|-----|-------------------------|
| The Effect of Thyroid Hormone on Skeletal Integrity | 750 | Greenspan and Greenspan |
|---|-----|-------------------------|

NIH CONFERENCE

- | | | |
|--|-----|------------------------------------|
| Adrenocortical Tumors: Recent Advances in Basic Concepts and Clinical Management | 759 | Bornstein, Stratakis, and Chrousos |
|--|-----|------------------------------------|

EDITORIALS

- | | | |
|---|-----|---------------------|
| Care at the End of Life: Guiding Practice Where There Are No Easy Answers | 772 | Lo, Snyder, and Sox |
| The Making and Unmaking of a Journal | 774 | Davidoff |

ON BEING A DOCTOR

- | | | |
|--------------------------------|-----|--------|
| Saving Lives and Saving Deaths | 776 | Nelson |
|--------------------------------|-----|--------|

MEDICAL WRITINGS

- | | | |
|---|-----|------------------|
| Textbook Geriatrics: Not Yet of the Essence | 782 | Finucane and Loo |
|---|-----|------------------|

Owned, published, and © copyrighted 1999 by the American College of Physicians-American Society of Internal Medicine. For complete contents, see pages I-3 and I-4. For subscription information, see page I-7. Canadian GST ID# 128512159 · AIMEAS 130(9)709-788(1999) · US ISSN 0003-4819

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Letters 861

American College of
Rheumatology Criteria for the
Diagnosis of Vasculitis

Diabetes Case Management

Perioperative Supraventricular
Tachyarrhythmia

Therapy for Legionnaires Disease

Book Notes 865

ARTICLES

- | | | |
|--|------------|---|
| Low-Molecular-Weight Heparins Compared with Unfractionated Heparin for Treatment of Acute Deep Venous Thrombosis. A Cost-Effectiveness Analysis | 789 | Gould, Dembitzer, Sanders, and Garber |
| Low-Molecular-Weight Heparins Compared with Unfractionated Heparin for Treatment of Acute Deep Venous Thrombosis. A Meta-Analysis of Randomized, Controlled Trials | 800 | Gould, Dembitzer, Doyle, Hastie, and Garber |
| Cost-Effectiveness of Transesophageal Echocardiography To Determine the Duration of Therapy for Intravascular Catheter-Associated <i>Staphylococcus aureus</i> Bacteremia | 810 | Rosen, Fowler, Corey, Downs, Biddle, Li, and Jollis |

BRIEF COMMUNICATIONS

- | | | |
|--|------------|---|
| Long-Term Mortality after Transsphenoidal Surgery for Cushing Disease | 821 | Swearingen, Biller, Barker, and others |
| Dialysis Patients' Preferences for Family-Based Advance Care Planning | 825 | Hines, Glover, Holley, Babrow, and others |

ACADEMIA AND CLINIC

- | | | |
|--|------------|---------------------------------|
| Cross-Cultural Primary Care: A Patient-Based Approach | 829 | Carrillo, Green, and Betancourt |
| A Consensus-Based Approach To Providing Palliative Care to Patients Who Lack Decision-Making Capacity | 835 | Karlawish, Quill, and Meier |

UPDATE

- | | | |
|---|------------|--------|
| Primary Angioplasty Compared with Thrombolysis: New Issues in the Era of Glycoprotein IIb/IIIa Inhibition and Intracoronary Stenting | 841 | Gibson |
|---|------------|--------|

REVIEW

- | | | |
|---|------------|-------------------------|
| The Evolving Role of Ambulatory Arrhythmia Monitoring in General Clinical Practice | 848 | Zimetbaum and Josephson |
|---|------------|-------------------------|

EDITORIAL

- | | | |
|---|------------|-----------|
| High-Priced Technology Can Be Good Value for Money | 857 | Weinstein |
|---|------------|-----------|

ON BEING A DOCTOR

- | | | |
|---------------------------------|------------|---------|
| The Doctor in the Family | 859 | Johnson |
|---------------------------------|------------|---------|

CURRENTS

- | | | |
|--|------------|-------|
| Nutrition and Policy. 2: The Role of Professional Societies | 869 | Levin |
| Point-of-Care Testing: Instant Gratification? | 870 | Kane |

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Ad Libitum 941

Letters 942

Epinephrine and Outcome after Cardiac Arrest

Bee Sting Dysphagia

Electronic Patient-Physician Communication

Venlafaxine-Associated Hepatitis

Book Notes 951

ARTICLES

- | | | |
|---|-----|---|
| Genetic and Environmental Influences on Total-Body and Central Abdominal Fat: The Effect of Physical Activity in Female Twins | 873 | Samaras, Kelly, Chiano, Spector, and Campbell |
|---|-----|---|

- | | | |
|--|-----|---------------------------------|
| Association between Body Mass and Adenocarcinoma of the Esophagus and Gastric Cardia | 883 | Lagergren, Bergström, and Nyrén |
|--|-----|---------------------------------|

- | | | |
|---|-----|-------------------------------------|
| Large Pleural Effusions Occurring after Coronary Artery Bypass Grafting | 891 | Light, Rogers, Cheng, and Rodriguez |
|---|-----|-------------------------------------|

- | | | |
|---|-----|----------------------------------|
| The Effect of Low-Dose Continuous Estrogen and Progesterone Therapy with Calcium and Vitamin D on Bone in Elderly Women. A Randomized, Controlled Trial | 897 | Recker, Davies, Dowd, and Heaney |
|---|-----|----------------------------------|

BRIEF COMMUNICATION

- | | | |
|---|-----|-----------------------|
| Treatment of the Systemic Capillary Leak Syndrome with Terbutaline and Theophylline | 905 | Tahirkheli and Greipp |
|---|-----|-----------------------|

REVIEW

- | | | |
|------------------------------|-----|------------------|
| Functional Somatic Syndromes | 910 | Barsky and Borus |
|------------------------------|-----|------------------|

MINI CONFERENCE

- | | | |
|---|-----|------------------|
| Recent Advances in Varicella-Zoster Virus Infection | 922 | Cohen and others |
|---|-----|------------------|

PERSPECTIVE

- | | | |
|--|-----|--------|
| Evaluating Novel Cardiovascular Risk Factors: Can We Better Predict Heart Attacks? | 933 | Ridker |
|--|-----|--------|

EDITORIALS

- | | | |
|---|-----|----------|
| Genes and Obesity: Is There Reason To Change Our Behaviors? | 938 | Weinsier |
|---|-----|----------|

ON BEING A PATIENT

- | | | |
|--------------------------------|-----|------|
| The Other Side of the Bed Rail | 940 | Horn |
|--------------------------------|-----|------|

MEDICAL WRITINGS

- | | | |
|------------------------------------|-----|----------|
| Toward an Understanding of Frailty | 945 | Hamerman |
|------------------------------------|-----|----------|
-

Owned, published, and © copyrighted 1999 by the American College of Physicians-American Society of Internal Medicine. For complete contents, see pages I-3 and I-4. For subscription information, see page I-7. Canadian GST ID# 128512159 • AIMEAS 130(11)873-952(1999) • US ISSN 0003-4819

Annals of Internal Medicine

Established in 1927 by the American College of Physicians

Letters 1027

- Subcutaneous Heparin for Deep Venous Thrombosis
- Ventilator-Associated Pneumonia in Critically Ill Patients
- Increased Serum Lipoprotein(a) Levels in Patients with Early Renal Failure
- Recurrent Human Granulocytic Ehrlichiosis and Lyme Disease
- Ferrous Sulfate Tolerance Test: A Case Report
- Weighing the Alternatives

Book Notes 1031**ARTICLES**

- HFE Genotype in Patients with Hemochromatosis and Other Liver Diseases** 953 Bacon, Olynyk, Brunt, Britton, and Wolff
- Relation of Consumption of Vitamin E, Vitamin C, and Carotenoids to Risk for Stroke among Men in the United States** 963 Ascherio, Rimm, Hernán, Giovannucci, Kawachi, and others
- A Molecular Epidemiologic Analysis of Tuberculosis Trends in San Francisco, 1991–1997** 971 Jasmer, Hahn, Small, Daley, Behr, and others
- Translating Clinical Trial Results into Practice: The Effect of an AIDS Clinical Trial on Prescribed Antiretroviral Therapy for HIV-Infected Pregnant Women** 979 Turner, Newschaffer, Zhang, Fanning, and Hauck

BRIEF COMMUNICATIONS

- Effects of Leisure-Time Physical Activity and Ventilatory Function on Risk for Stroke in Men** 987 Agnarsson, Thorgeirsson, and others
- Effect of Nasogastric Tube Size on Gastroesophageal Reflux and Microaspiration in Intubated Patients** 991 Ferrer, Bauer, Torres, Hernández, and Piera

ACADEMIA AND CLINIC

- Toward Evidence-Based Medical Statistics. 1: The *P* Value Fallacy** 995 Goodman
- Toward Evidence-Based Medical Statistics. 2: The Bayes Factor** 1005 Goodman

PERSPECTIVE

- An Association for Patient-Oriented Research** 1014 Hirsch

EDITORIALS

- Will the Real Hemochromatosis Please Stand Up?** 1018 Franks and Burke
- Standing Statistics Right Side Up** 1019 Davidoff

ON BEING A DOCTOR

- Same Old Seventeen-Dollar Lamps** 1022 Quill

ON BEING A PATIENT

- The Ritual** 1025 Nowak

CURRENTS

- Nutrition and Policy. 3: Food Industry Response to Nutritional Standards** 1033 Levin

